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**LISTING OF THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**1. (Currently Amended)** A continuous processing apparatus for plasma polymerization, the apparatus having a plurality of chambers to perform a surface processing by plasma polymerization on a surface of a substance being moved into a chamber, the apparatus comprising:

at least one vertical chamber which includes a chamber body with one side thereof being opened in which a substance is moved vertically, a chamber door combined to the opened side of the chamber body; and at least one electrode disposed in parallel to the movement direction of the substance,

wherein the electrode is disposed in the chamber body or at the chamber door, and

~~at least one vertical chamber in which the substance is vertically moved and at least one electrode included therein;~~

~~wherein~~ the vertical chamber includes substance pass holes formed at the upper and lower ~~first and second~~ sides ~~thereof and/or~~ or at the top and bottom sides thereof.

**2. (Canceled)**

**3. (Currently Amended)** The apparatus of claim [[2]] 1, wherein the chamber includes a plurality of electrodes, each being disposed in a line in parallel to the movement direction of a substance in the chamber.

**4. (Original)** The apparatus of claim 1, wherein the vertical chamber is a polymerization chamber in which the surface of a substance is processed by plasma polymerization.

**5. - 6. (Canceled)**

7. **(Currently Amended)** The apparatus of claim 1, ~~A continuous processing apparatus by plasma polymerization, the apparatus having a plurality of chambers to perform a surface processing by plasma polymerization on a surface of the substance being moved into a chamber, comprising:~~

~~at least one vertical chamber in which a substance is vertically moved and at least one electrode included therein;~~

wherein as power is applied to the substance, the substance itself is used as an electrode.

8. - 10. **(Canceled)**

11. **(Currently Amended)** The apparatus of claim 1, ~~A continuous processing apparatus by plasma polymerization, the apparatus having a plurality of chambers to perform a surface processing by plasma polymerization on a surface of a substance being moved into a chamber, comprising:~~

~~at least one vertical chamber in which the substance is vertically moved and at least one electrode included therein;~~

wherein the vertical chamber includes a partition plate at the center thereof, so that the vertical chamber is divided into two vertical areas by the partition plate.

12. **(Original)** The apparatus of claim 11, wherein the movement direction of a substance is the opposite to each other in the two vertical areas.

13. **(Original)** The apparatus of claim 11, wherein the two vertical areas includes at least one electrode disposed in parallel to the movement direction of the substance, respectively.

14. **(Currently Amended)** A continuous processing apparatus by plasma polymerization with a vertical chamber in which a plurality of chambers are provided to perform a surface processing by plasma polymerization on the surface of a substance being moved into a chamber, comprises:

a first vertical chamber in which a substance is moved vertically, having at least one electrode; [[and]]

a second vertical chamber in which a substance is moved vertically, having at least one electrode and being disposed spaced apart with a certain interval from the first vertical chamber; and

a horizontal chamber arranged in the interval between the first chamber and the second chamber, whereby the substance is moved horizontally,

wherein the horizontal chamber comprises:

a chamber body having a pass hole formed at the left and the right sides thereof so that the substance can pass therethrough;

an upper door having an electrode at the inner side thereof and being opened and closed upwardly; and

a lower door having an electrode at the inner side thereof and being opened and closed downwardly.

**15. (Original)** The apparatus of claim 14, wherein at least one of the first and the second vertical chambers is a polymerization chamber in which a substance is surface-processed by plasma polymerization.

**16. (Canceled)**

**17. (Currently Amended)** The apparatus of claim [[16]] 15, wherein if the second vertical chamber is a polymerization chamber, one of the remaining chambers is a pre-processing chamber in which the surface of the substance is cleaned before being polymerized.

**18. (Currently Amended)** The apparatus of claim [[16]] 15, wherein if the first vertical chamber is a polymerization chamber, one of the remaining chambers is a post-processing chamber in which air is injected thereinto and post-processing is performed by plasma discharging.

**19. (Canceled)**

**20. (Original)** The apparatus of claim 15, wherein the first and the second vertical chambers are polymerization chamber having the same conditions at least one out of a kind of a gas supplied to the chamber, a supply rate of gases, a range of voltage applied to the electrode and the pressure inside the chamber.

**21. (Currently Amended)** A continuous processing apparatus for plasma polymerization with a vertical chamber, the apparatus comprising:

an unwinding chamber having an unwinding roll for unwinding a substance wound thereon,

a winding chamber having a winding roll for winding a surface-processed substance,

a polymerization chamber in which the substance is surface-processed by plasma discharging after being conveyed from the unwinding chamber, the substance being vertically movable in the polymerization chamber; [[and]]

the polymerization chamber which includes a chamber body with one side thereof being opened in which the substance is moved vertically, a chamber door combined to the opened side of the chamber body, and at least one electrode disposed in parallel to the movement direction of the substance, and

the electrode is disposed in the chamber body or at the chamber door, and the polymerization chamber includes a substance pass hole formed at the upper and the lower sides or at the top and the bottom thereof.

~~at least one electrode included in the polymerization chamber;~~

~~wherein the vertical chamber includes substance pass holes formed at first and second sides thereof and/or top and bottom sides thereof.~~

**22. (Canceled)**

**23. (Original)** The apparatus of claim 21, wherein one of the chambers comprises:

at least one roller contacted by a substance being moved; and

a power supply unit for rendering the substance itself to become an electrode by contacting the roller as power is supplied to the roller.

**24. (Currently Amended)** A continuous processing apparatus by plasma polymerization with a vertical chamber, comprises:

an unwinding chamber having an unwinding roll for unwinding a wound substance;

a winding chamber having [[an]] a winding roll for winding a surface-processed substance;

a first polymerization chamber for surface-processing the substance conveyed from the unwinding chamber by plasma discharging, and having substance pass hole formed at an upper side and a lower side [[sides]] and at least one electrode therein;

a second polymerization chamber for surface-processing the substance conveyed from the unwinding chamber by plasma discharging, and having substance pass hole formed at an upper side and a lower side [[sides]] and at least one electrode therein;

wherein the movement direction of the substance is opposite in the first and the second polymerization chamber,

the first and second polymerization chambers are an integrated chamber comprising a chamber body having a partition plate at the center thereof and an electrode disposed at both sides of the partition, and being opened at the left and right side, and first and second doors having an electrode disposed in parallel to the movement direction of the substance at the inner side thereof, and opening and closing the left and the right side of the chamber body.

**25. - 27. (Canceled)**